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NPIC/TSSG/RED/ATB-081-70  
3 April 1970

MEMORANDUM FOR: Chief, Photogrammetry Division, IEG

THROUGH : Chief, Imagery Exploitation Group  
Chief, Technical Services and Support Group  
Chief, Research & Engineering Division, TSSG

SUBJECT : Environmental Standards for High Precision Stereo Com-  
parator Room

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1. The Advanced Technology Branch has investigated several sources for standards for wall colors for the room for the [ ] comparator. Recommendations are taken from the draft USA Standard for Direct Viewing of Color Transparencies and are as follows:

"2.2.1.5 Environmental Conditions. The environmental conditions for judging color uniformity necessary for optimum results are as follows.

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(1) The chromaticity of any surrounding illumination shall be approximately the same as that of the main source of illumination.

(2) The luminance of any areas in the field of vision shall be no greater than four times that of the working surface, and light sources should be shielded so as not to be directly visible.

(3) The working area, illuminated with the standard light source, shall be shielded from extraneous illumination.

(4) The color of walls and backgrounds shall be light neutral gray of a reflectance of approximately 60 percent (equivalent to about Munsell notation N8/).

(5) The positions of the observer, light source, and copy shall be such as to minimize reflected glare from the copy."

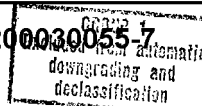
2. For any further information call [ ]

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Declass Review by NIMA/DOD

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SUBJECT: Environmental Standards for High Precision Stereo Comparator  
Room

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